UNITED STATES PATENT AND TRADEMARK OFFICE

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09/873,539	06/04/2001	Charles E. Hill	10252-0020	7581

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EXAMINER
AL HASHEMI, SANA A

ART UNIT	PAPER NUMBER
2171	

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Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

PP4

Office Action Summary	Application No. 09/873,539	Applicant(s) HILL, CHARLES E.
	Examiner Sana Al-Hashemi	Art Unit 2171

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _04 September 2003_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-32 and 36-56_ is/are pending in the application.

    4a) Of the above claim(s) _33-35_ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-32 and 36-56_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _17 September 2001_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _4_.

4)☐ Interview Summary (PTO-413) Paper No(s). _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Claims Status: 1- 32, and 36-56 are rejected.

Objection

The disclosure is objected to because of the following informalities: Claim 1 and

Summary of the invention page 4, line 13 the term string misspelled. Appropriate correction is

required.

Applicant's election of 1-32 and 36-56 in Paper No. 6 is acknowledged. Because

applicant did not distinctly and specifically point out the supposed errors in the restriction

requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

Claims 33-35 withdrawn from further consideration pursuant to 37 CFR 1.142(b) as

being drawn to a nonelected invention there being no allowable generic or linking claim.

Election was made **without** traverse in Paper No.6.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-32, and 36-56 are rejected under 35 U.S.C. 102(e) as being anticipated by

Bowman et al (US Patent No. 6,169,986).

1.   Regarding Claims 1, 23, 26, 36, 41, 44, 47, and 49, Bowman discloses a system for

managing a plurality of data files for a web browser, the system comprising:

a storage area on a computer storage medium, the storage area storing the data

files (see Fig. 1, 133, Bowman);

a computer configured to access the storage area (see Fig. 1, 132, Bowman);

a first database configured to index the data files stored in the storage area (see Fig.

1,142, Bowman); and

a program executable on the computer and configured to generate at least one

automated search string , the program further configured to search the database index (see Fig. 1,

137, Bowman); according to the automated search sting and identify data files associated with

the automated search string (see Fig. 1, 139. Bowman).

2.   Regarding Claim 2, Bowman discloses a system further comprising:

a second database configured to index data files stored in the storage area corresponding

to a network site the user has grouped in a first list (see Fig. 1, 131, Bowman).

3.   Regarding Claim 3, Bowman discloses a system wherein the program is further

configured to generate at least one automated search string corresponding to the data files

indexed by the second database (see Fig. 1, 133, Bowman).

4.   Regarding Claim 4, Bowman discloses a system wherein the program is further

configured to search the first database index upon an activation of an event (see Fig. 2, 23,

Bowman).

5.   Regarding Claims 5, and 9, Bowman discloses a system wherein the event is activated

when the web browser average access time to access the data files in the storage area exceeds a

threshold time (see column 7, lines 34-38, Bowman).

6.   Regarding Claim 6, Bowman discloses a system wherein the event is activated when the

web browser is launched (see Fig.2, 250, Bowman).

7.   Regarding Claim 7, 10, 13, Bowman discloses a system wherein the program is further

configured to delete all identified and not identified data files (see column 3, lines 14-21,

Bowman).

8.   Regarding Claim 8, Bowman discloses a system wherein the program is further

configured to search the first and second databases upon an activation of an event (see column

23-29, Bowman).

9.   Regarding Claim 11, Bowman discloses a system further comprising a third database

configured to store access frequencies corresponding to stored data files (see column 4, lines 53-

63, Bowman).

10.   Regarding Claim 12, Bowman discloses a system wherein the program is further

configured to search the first, second, and third databases upon an activation of an event (see Fig.

1, 130, Bowman).

11.   Regarding Claims 14, 15, and 16, Bowman discloses a system wherein the program is

further configured to retain a data file identified during the search if the data file has an

associated access frequency that exceeds a predetermined reference value (see column 6, lines

60-64, Bowman).

12.   Regarding Claim 17, Bowman discloses a system further comprising a third database, the third database configured to store a user-defined search string and the automated search string (see column 7, lines 52-61, Bowman).

13.   Regarding Claims 18, and 19, Bowman discloses system wherein the third database indexes the search strings by a type key, the type key having a first value corresponding to a retention value, and a second value corresponding to a deletion value (see column 13, lines 40-61, Bowman).

14.   Regarding Claim 20, 21 and 22, Bowman discloses a system wherein the program is further configured to delete a data file if the data file has an associated access frequency that is lower than a predetermined reference value (see column 10, lines 13-30, Bowman).

15.   Regarding Claim 24, Bowman discloses a system wherein the program is further configured to delete data files indexed in the database upon terminating the single browsing session (see column 13, lines 4-16, Bowman).

16.   Regarding Claim 25, Bowman discloses a system wherein the program is further configured to identify by a user-defined criteria data files indexed in the database and to retain identified data files indexed in the database upon exiting the browsing session (see Fig. 9, 900, column 14, lines 26-36, Bowman).

17.   Regarding Claim 27, Bowman discloses a method wherein the step of searching the database according to the automated search strings includes the steps of:

        defining a search event. (see column 13, lines 43-50, Bowman); and

        initiating the search according to the automated search strings after the occurrence of the event (see column 13, lines 51-61, Bowman).

18.   Regarding Claims 28, and 29, Bowman discloses a method further including the step of

deleting all data files identified from the search (see column 3, lines 14-21, Bowman).

19.   Regarding Claim 30, Bowman discloses a method further comprising the steps of:

determining an access frequency for a data file stored in the storage area (see column 9,

lines 7-13, Bowman); and

retaining the data file if the corresponding access frequency is above a threshold value

(see column 11, lines 1-5, Bowman).

20.   Regarding Claims 31, and 45, Bowman discloses a method further comprising the steps

of:

determining an access frequency for a data file stored in the storage area (see column 9,

lines 7-13, Bowman); and

deleting the data file if the corresponding access frequency is below a threshold value

(see column 9, lines 38-56, Bowman).

21.   Regarding Claim 32, Bowman discloses a method wherein the step of generating

automated search strings comprises the steps of:

Identifying all data files corresponding to a common network address (see column 14,

lines 10-15, Bowman); and

using the common network address as a search term (se column 14, lines 15-25,

Bowman).

22.   Regarding Claim 37, Bowman discloses a system wherein the program is further

configured to determine an access frequency associated with a. data file and modify the first list

of network addresses based on the access frequency of the data file (see column 14, lines 30-35, Bowman).

23.   Regarding Claims 38, 40, 42, 43, and 51, Bowman discloses a system wherein the program modifies the first list of network addresses by deleting the network address corresponding to the data file if the associated access frequency is less than a threshold value (see column 10, lines 13-30, Bowman).

24.   Regarding Claims 39, 46, and 52, Bowman discloses a system wherein the program modifies the first list of network addresses by adding the network address corresponding to the data file if the associated access frequency is greater than a threshold value (see column 13, lines 5-16, Bowman).

25.   Regarding Claims 41, and 48, Bowman discloses a system further comprising:

        a second list of network addresses (see Fig. 2, 210, Bowman); and

        wherein the program is further configured to store in the second list of network addresses network addresses associated with data files that are stored in the storage area during a browsing session (see Fig. 2, 220, Bowman).

26.   Regarding Claims 49, 53, 54, and 55, Bowman discloses a method of managing a plurality of data files for a web browser, the method comprising the steps of:

        storing the data files on a computer storage medium (see Fig. 1, 132,. Bowman);

        creating a first list of network addresses (see Fig. 1, 131, Bowman);

        storing the first list of network addresses on the computer storage medium (see Fig. 1, 134, Bowman) ; and

deleting from the computer storage medium data files not associated with the first list of network addresses (see column 3, lines 14-21, Bowman).

27.   Regarding Claims 50, 54, and 55, Bowman discloses a method further comprising:

determining an access frequency associated with one of the data files (see column 10, lines 1-5, Bowman); and

modifying the first list of network addresses based on the access frequency of the data file (see column 10, lines 5-12, Bowman).

28.   Regarding Claim 56, Bowman discloses a method further including the step of retaining corresponding data files corresponding with the second list of network addresses if the corresponding data files also correspond to the first list of network addresses (see column 13, lines 17-26, Bowman).

Conclusion

5.   The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure.

Points of Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to: Sana Al-Hashemi whose telephone number is (703) 305-4881. The examiner can normally be reached on Monday - Friday from 8:00 AM to 4:30 PM.. If

attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet

Metjahic, can be reached on (703) 308-1436. Any response to this office action should be

mailed to: The Commissioner of Patents and Trademarks, Washington, D.C. 20231. Or telefax

at phone number (703) 872-9306. For formal or draft communications, please label

"PROSPOSED" or "DRAFT". Hand-delivered response should be brought to

Crystal Park II, 2121 Crystal Drive, 6th Floor Receptionist, Arlington, Virginia. 22202.

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October 15, 2003

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